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ABSTRACT

See a A solution of one or two molecules of aminoguanidine or
other hydrazine type compound incubated with an Amadori
product (1-propylamine-1-deoxy-D-fructose) under
a physiological conditions, ~~proceeds~~ *ga* through the reactive
5 intermediate 1-propylamino-1, 4-dideoxyosone to form the
corresponding triazine and the dehydrazone of 1,4-
dideoxyglucosone, respectively.

The triazine and dehydrazone products are useful as
10 macrophage stimulants to activate a macrophage to effect
removal of advanced glycosylation endproducts (AGEs).
Additionally, they can be used in a variety of
investigative methods in an effort to measure the extent
of nonenzymatic glycosylation of a protein sample wherein
15 aminoguanidine or other hydrazine-type compound is or was
present during the glycosylation process.